CLAIMS

1. A manganese compound wherein 1 to 10 % of an alkaline substance is incorporated into a structure thereof and a BET surface area is 300 m^2/g or more.

2. A method of producing a manganese compound wherein an alkali compound and a permanganate are mixed into a bivalent manganese salt aqueous solution under being stirred to produce precipitates by reaction, and the precipitates are filtered after sufficient washing, and then dried,

which is characterized in that a quantity of the alkali compound is larger than a stoichiometric quantity to a permanganate.

3. A method of producing a manganese compound according to claim 2, characterized in that an added quantity of an alkaline compound to a permanganate is in the range of higher than 1.0 but 4.0 or less, when the added quantity is expressed in a mol ratio to an alkaline permanganate of 1 mol.

4. A method of producing a manganese compound according to claim 2, characterized in that a drying temperature is 100 to 200ºC.

5. A method of removing environmental pollutants in a gas by allowing the gas containing the environmental pollutants to pass through a manganese compound according to claim 1.